

HOUGH TRANSFORM BASED MOTION  
DETECTION IMAGE RECORDING SYSTEM AND METHOD

5     ABSTRACT OF THE DISCLOSURE

10     A Hough based motion detection image recording system  
includes an image sensor operable to view a surveillance  
site and output real-time image data corresponding to the  
site. The system also includes a processor operable to  
15     receive the image data from the image sensor and a memory  
coupled to the processor. The system includes a  
transformation application residing in the memory and  
executable by the processor. The transformation  
application is operable to detect a real-time feature  
20     segment associated with the site from the image data. The  
system further includes an analysis engine residing in the  
memory and executable by the processor. The analysis  
engine is operable to compare the real-time feature segment  
with a baseline feature segment and initiate recording of  
the image data if the feature segment comparison exceeds a  
predetermined criteria.